

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 18, 2003, 10:08:56 ; Search time 21 Seconds

(without alignments)
762.600 Million cell updates/sec

Title: US-09-016-869b-35

Perfect score: 1 MEPSADWLATFAARGRVEV.....TRGSNHRIDAAEPPSDIPD 148

Scoring table: BUCSUM62
Gapop 10.0 , Gapext 0.5

Searched: 417779 seqs, 108206813 residues

7 number of hits satisfying chosen parameters: 417779

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA: *
1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
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13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	760	100.0	148	10	US-09-016-869b-35
2	760	100.0	156	9	US-09-947-206-2
3	760	100.0	156	10	US-09-016-750C-2
4	760	100.0	156	10	US-09-016-869b-2
5	760	100.0	391	8	US-08-902-572-2
6	753	99.1	148	9	US-10-247-136-2
7	753	99.1	156	9	US-09-902-941-1908
8	753	99.1	156	9	US-09-849-626-1908
9	753	99.1	156	9	US-10-017-754-1908
10	753	99.1	156	9	US-10-097-340-41
11	753	99.1	237	8	US-08-902-572-26
12	753	99.1	252	8	US-08-902-572-28
13	753	99.1	354	8	US-08-902-572-22
14	753	99.1	365	8	US-08-902-572-8
15	753	99.1	380	8	US-08-902-572-6
16	753	99.1	348	8	US-08-902-572-24
17	627.5	82.6	157	9	US-09-947-206-12
18	627.5	82.6	157	10	US-09-016-750C-12
19	627.5	82.6	157	10	US-09-016-750C-12

20	627.5	82.6	157	10	US-09-016-869b-12	Sequence 12, Appl
21	493.5	64.9	137	9	US-09-947-206-4	Sequence 4, Appl1
22	493.5	64.9	137	10	US-09-016-750C-4	Sequence 4, Appl1
23	493.5	64.9	137	10	US-09-016-869b-4	Sequence 4, Appl1
24	456	60.0	89	10	US-09-016-869b-32	Sequence 32, Appl
25	424	55.8	88	10	US-09-016-869b-33	Sequence 33, Appl
26	382	50.3	138	10	US-09-947-206-13	Sequence 13, Appl
27	382	50.3	138	10	US-09-016-750C-13	Sequence 13, Appl
28	382	50.3	138	10	US-09-016-869b-13	Sequence 13, Appl
29	356	46.8	77	9	US-09-947-206-8	Sequence 8, Appl1
30	356	46.8	77	10	US-09-016-750C-8	Sequence 8, Appl1
31	356	46.8	77	10	US-09-016-869b-8	Sequence 8, Appl1
32	330	43.4	125	10	US-09-947-206-6	Sequence 6, Appl1
33	330	43.4	125	10	US-09-016-750C-6	Sequence 6, Appl1
34	330	43.4	125	10	US-09-016-869b-6	Sequence 6, Appl1
35	329	43.3	85	10	US-09-016-869b-34	Sequence 34, Appl
36	299.5	39.4	85	9	US-09-947-206-11	Sequence 11, Appl
37	299.5	39.4	85	10	US-09-016-750C-11	Sequence 11, Appl
38	299.5	39.4	85	10	US-09-016-869b-11	Sequence 11, Appl
39	299.5	39.4	127	9	US-09-947-206-14	Sequence 14, Appl
40	299.5	39.4	127	10	US-09-016-750C-14	Sequence 14, Appl
41	299.5	39.4	127	10	US-09-016-869b-14	Sequence 14, Appl
42	228.5	30.1	168	9	US-09-902-941-1907	Sequence 1907, Ap
43	228.5	30.1	168	9	US-09-849-626-1907	Sequence 1907, Ap
44	228.5	30.1	168	9	US-10-017-754-1907	Sequence 1907, Ap
45	228.5	30.1	168	9	US-10-171-311-28	Sequence 28, Appl

ALIGNMENTS

RESULT 1
US-09-016-869b-35
; Sequence 35, Application us/09016869b
; Patent No. US20020082392A1
GENERAL INFORMATION:
; APPLICANT: Beach, David H.
; APPLICANT: Demetrick, Douglas J.
; APPLICANT: Serrano, Manuel
; TITLE OF INVENTION: Cell-Cycle Regulatory Proteins, and
; TITLE OF INVENTION: Uses Related Thereto
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ropes & Gray
; STREET: One International Place
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordpad
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/016,869b
; FILING DATE: 30-JAN-1998
PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/893,274
; FILING DATE: 15-JUL-1994
PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/306,511
; FILING DATE: 14-SEP-1994
PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/248,812
; FILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,371
; FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/154,915
; FILING DATE: 18-NOV-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/991,997
FILING DATE: 17-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: GPC1-P10-071
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 951-7739
TELEFAX: (617) 951-7050
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 148 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-016-869b-35

Query Match 100.0%; Score 760; DB 10; Length 148;
Best Local Similarity 100.0%; Pred. No. 5,9e-69;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MESPADWLATRAARGVEEVRALLLEAVLNPAPNSYGRRIQYMMGSAVAELLHGA 60
DB 1 MESPADWLATRAARGVEEVRALLLEAVLNPAPNSYGRRIQYMMGSAVAELLHGA 60
QY 61 EPNCADPATLTRPVHDAREGFLDTLVYLRAGARLDVDAWGRLPVDLAEEIGHRDYAR 120
DB 61 EPNCADPATLTRPVHDAREGFLDTLVYLRAGARLDVDAWGRLPVDLAEEIGHRDYAR 120
QY 121 YLRAAGGTRGSNHARIDAEGPSDIPD 148
DB 121 YLRAAGGTRGSNHARIDAEGPSDIPD 148

RESULT 2
US-09-947-206-2
Sequence 2, Application US/0947206
Publication No. US20030100489A1

GENERAL INFORMATION:

APPLICANT: Beach, David H.
Demetrick, Douglas J.
Serrano, Manuel

TITLE OF INVENTION: CELL-CYCLE REGULATORY PROTEINS, AND USES

RELATED THERE TO
NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02109-2170

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/947,206
FILING DATE: 04-Sep-2001

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/016,750

FILING DATE: 1998-01-03

APPLICATION NUMBER: US 08/306,511

FILING DATE: 14-SEP-1994

APPLICATION NUMBER: US 08/248,812

FILING DATE: 25-MAY-1994

APPLICATION NUMBER: US 08/227,371

FILING DATE: 14-APR-1994

APPLICATION NUMBER: US 08/154,915

FILING DATE: 18-NOV-1993

APPLICATION NUMBER: US 07/991,997
FILING DATE: 17-DEC-1992
APPLICATION NUMBER: US 07/963,308
FILING DATE: 16-OCT-1992
APPLICATION NUMBER: PCT/US93/09945
FILING DATE: 18-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MTV-071.13
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 156 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-947-206-2

Query Match 100.0%; Score 760; DB 9; Length 156;
Best Local Similarity 100.0%; Pred. No. 6,3e-69;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MESPADWLATRAARGVEEVRALLLEAVLNPAPNSYGRRIQYMMGSAVAELLHGA 60
DB 9 MESPADWLATRAARGVEEVRALLLEAVLNPAPNSYGRRIQYMMGSAVAELLHGA 68
QY 61 EPNCADPATLTRPVHDAREGFLDTLVYLRAGARLDVDAWGRLPVDLAEEIGHRDYAR 120
DB 69 EPNCADPATLTRPVHDAREGFLDTLVYLRAGARLDVDAWGRLPVDLAEEIGHRDYAR 128
QY 121 YLRAAGGTRGSNHARIDAEGPSDIPD 148
DB 129 YLRAAGGTRGSNHARIDAEGPSDIPD 156

RESULT 3
US-09-016-750C-2

Sequence 2, Application US/09016750C
Patent No. US20020025305A1

GENERAL INFORMATION:

APPLICANT: Beach, David H.
Demetrick, Douglas J.
Serrano, Manuel

APPLICANT: Hannan, Gregory J.

TITLE OF INVENTION: CELL-CYCLE REGULATORY PROTEINS, AND USES

RELATED THERE TO
NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02109-2170

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,750C
FILING DATE: 30-JAN-1998

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/893,274

FILING DATE: 15-JUL-1997

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/306,511

FILING DATE: 14-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/248,812
FILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,371
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/154,915
FILING DATE: 18-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/991,997
FILING DATE: 17-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/963,308
FILING DATE: 16-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/09945
FILING DATE: 18-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-071.13
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 156 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-016-750C-2

Query Match 100.0%; Score 760; DB 10; Length 156;
Best Local Similarity 100.0%; Pred. No. 6,3e-69;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEPSADWLATAAARGVEEVRALLLEAVALPNAPNSYGRPIQVMMGSAVAELLHLHGA 60
DB 9 MEPSADWLATAAARGVEEVRALLLEAVALPNAPNSYGRPIQVMMGSAVAELLHLHGA 68
QY 61 EPNCADPATLTRPVHDAAREGFIDTLVYLHRRAGARLDVDMGRLPVDLAEEIGHRDVAR 120
DB 69 EPNCADPATLTRPVHDAAREGFIDTLVYLHRRAGARLDVDMGRLPVDLAEEIGHRDVAR 128
QY 121 YLRAAAGTGRGSHARIDAEGSPDIPD 148
DB 129 YLRAAAGTGRGSHARIDAEGSPDIPD 156

US-016-869B-2
Sequence 2, Application US/090168698
Patent No. US20020082392A1
GENERAL INFORMATION:
APPLICANT: Beach, David H.
APPLICANT: Demetrick, Douglas J.
APPLICANT: Serrano, Manuel
TITLE OF INVENTION: Cell-Cycle Regulatory Proteins, and
TITLE OF INVENTION: Uses Related Thereto
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ropes & Gray
STREET: One International Place
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordpad

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,869B
FILING DATE: 30-JAN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/893,274
FILING DATE: 15-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/306,511
FILING DATE: 14-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/248,812
FILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,371
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/154,915
FILING DATE: 18-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/991,997
FILING DATE: 17-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: GPCI-P10-071
TELEPHONE: (617) 951-7739
TELEFAX: (617) 951-7050
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 156 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-016-869B-2

Query Match 100.0%; Score 760; DB 10; Length 156;
Best Local Similarity 100.0%; Pred. No. 6,3e-69;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEPSADWLATAAARGVEEVRALLLEAVALPNAPNSYGRPIQVMMGSAVAELLHLHGA 60
DB 9 MEPSADWLATAAARGVEEVRALLLEAVALPNAPNSYGRPIQVMMGSAVAELLHLHGA 68
QY 61 EPNCADPATLTRPVHDAAREGFIDTLVYLHRRAGARLDVDMGRLPVDLAEEIGHRDVAR 120
DB 69 EPNCADPATLTRPVHDAAREGFIDTLVYLHRRAGARLDVDMGRLPVDLAEEIGHRDVAR 128
QY 121 YLRAAAGTGRGSHARIDAEGSPDIPD 148
DB 129 YLRAAAGTGRGSHARIDAEGSPDIPD 156

RESULT 5
US-08-902-572-2
Sequence 2, Application US/08902572
Patent No. US20020068706A1
GENERAL INFORMATION:
APPLICANT: Gyuris, Jenő
APPLICANT: Lamphere, Lou
APPLICANT: Beach, David H.
TITLE OF INVENTION: INHIBITORS OF CELL-CYCLE PROGRESSION AND
TITLE OF INVENTION: RELATED THERETO
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/902,572
FILING DATE: 29-JUL-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-069.03
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 391 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
-902-572-2

Query Match 100.0%; Score 760; DB 8; Length 391;

Best Local Similarity 100.0%; Pred. No. 1.9e-68;

Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEPSADMLATTAARGVEEVALLLEAVLPPNPNSTGRRPIQVMMGSAVAELLHLHGA 60
DB 244 MEPSADMLATTAARGVEEVALLLEAVLPPNPNSTGRRPIQVMMGSAVAELLHLHGA 303
QY 61 EPNCADPATLTTRPVHDAAREGFLDTLVVLRHAGARLDVDMGRLPVDLAELGHRDVAR 120
DB 304 EPNCADPATLTTRPVHDAAREGFLDTLVVLRHAGARLDVDMGRLPVDLAELGHRDVAR 363
QY 121 YLRAAAGTGRGSHARIDAEGPSDIPD 148
DB 364 YLRAAAGTGRGSHARIDAEGPSDIPD 391

RESULT 6

US-10-247-136-2

Sequence 2, Application US/10247136

Publication No. US20030105055A1

GENERAL INFORMATION:

APPLICANT: Demers, G. William

TITLE OF INVENTION: Methods and Compositions for the

Treatment of Ocular Diseases

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA: US/10/247,136

FILING DATE: 18-Sep-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/075,505

FILING DATE: 08-MAY-1998

ATTORNEY/AGENT INFORMATION:

NAME: Smith, Timothy L.

REGISTRATION NUMBER: 35,367

REFERENCE/DOCKET NUMBER: 016930-00360005

TELECOMMUNICATION INFORMATION:

TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 148 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-247-136-2

Query Match 99.1%; Score 753; DB 9; Length 148;

Best Local Similarity 99.3%; Pred. No. 3e-68;

Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MEPSADMLATTAARGVEEVALLLEAVLPPNPNSTGRRPIQVMMGSAVAELLHLHGA 60
DB 1 MEPSADMLATTAARGVEEVALLLEAVLPPNPNSTGRRPIQVMMGSAVAELLHLHGA 60
QY 61 EPNCADPATLTTRPVHDAAREGFLDTLVVLRHAGARLDVDMGRLPVDLAELGHRDVAR 120
DB 61 EPNCADPATLTTRPVHDAAREGFLDTLVVLRHAGARLDVDMGRLPVDLAELGHRDVAR 120
QY 121 YLRAAAGTGRGSHARIDAEGPSDIPD 148
DB 121 YLRAAAGTGRGSHARIDAEGPSDIPD 148

RESULT 7

US-09-902-941-1908

Sequence 1908, Application US/09902941

Patent No. US20020172952A1

GENERAL INFORMATION:

APPLICANT: Henderson, Robert A.

APPLICANT: Wang, Tongtong

APPLICANT: Watanabe, Yoshihiro

APPLICANT: Johnson, Jeffrey C.

APPLICANT: Retter, Marc W.

APPLICANT: Marnerakis, Margarita

APPLICANT: Carter, Darrick

APPLICANT: Fanger, Gary R.

APPLICANT: Vedvick, Thomas S.

APPLICANT: Bangur, Chaitanya S.

APPLICANT: McNabb, Andria

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

FILE REFERENCE: 210121.478C17

CURRENT APPLICATION NUMBER: US/09/902,941

NUMBER OF SEQ ID NOS: 2002

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 1908

LENGTH: 156

TYPE: PRN

ORGANISM: Homo sapiens

US-09-902-941-1908

Query Match 99.1%; Score 753; DB 9; Length 156;

Best Local Similarity 99.3%; Pred. No. 3.2e-68;

Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MEPSADMLATTAARGVEEVALLLEAVLPPNPNSTGRRPIQVMMGSAVAELLHLHGA 60
DB 9 MEPSADMLATTAARGVEEVALLLEAVLPPNPNSTGRRPIQVMMGSAVAELLHLHGA 68
QY 61 EPNCADPATLTTRPVHDAAREGFLDTLVVLRHAGARLDVDMGRLPVDLAELGHRDVAR 120
DB 69 EPNCADPATLTTRPVHDAAREGFLDTLVVLRHAGARLDVDMGRLPVDLAELGHRDVAR 128
QY 121 YLRAAAGTGRGSHARIDAEGPSDIPD 148
DB 129 YLRAAAGTGRGSHARIDAEGPSDIPD 156

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RESULT 8
US-09-849-626-1908
; Sequence 1908, Application US/09849626
; Publication No. US20020197669A1
; GENERAL INFORMATION:
; APPLICANT: Bangur, Chaitanya
; APPLICANT: Fanger, Gary
; APPLICANT: Wang, Aijun
; APPLICANT: Wang, Tonglong
; APPLICANT: Switzer, Anne
; APPLICANT: McNeill, Patricia
; APPLICANT: Clapper, Jonathan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.478C16
; CURRENT APPLICATION NUMBER: US/09/849,626
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 1926
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1908
; LENGTH: 156
; TYPE: PR
; ORGANISM: Homo sapiens
US-09-849-626-1908

Query Match          99.1%; Score 753; DB 9; Length 156;
Best Local Similarity 99.3%; Pred. No. 3.2e-68;
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MESPADWLATPAARGVEEVRALEVALPNAFNSYGRPIOVMMGSAVAVELLHGA 60
DB 9 MESPADWLATPAARGVEEVRALEVALPNAFNSYGRPIOVMMGSAVAVELLHGA 68
QY 61 EPNCADPATLTRPVHDARGFDTLVVLRAGARLDVDANGRLPVDLAEEIGHRDVAR 120
DB 69 EPNCADPATLTRPVHDARGFDTLVVLRAGARLDVDANGRLPVDLAEEIGHRDVAR 128
QY 121 YLRAAGTGRGSHNARIDAEGSPDIPD 148
DB 129 YLRAAGTGRGSHNARIDAEGSPDIPD 156

RESULT 9
US-10-017-754-1908
; Sequence 1908, Application US/10017754
; Publication No. US20030054363A1
; GENERAL INFORMATION:
; APPLICANT: Henderson, Robert A.
; APPLICANT: Wang, Tonglong
; APPLICANT: Watanabe, Yoshihiro
; APPLICANT: Johnson, Jeffrey C.
; APPLICANT: Belter, Marc W.
; APPLICANT: Matnerakis, Margarita
; APPLICANT: Carter, Darick
; APPLICANT: Fanger, Gary R.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Bangur, Chaitanya S.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.478C18
; CURRENT APPLICATION NUMBER: US/10/017,754
; CURRENT FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 2004
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1908
; LENGTH: 156
; TYPE: PR
; ORGANISM: Homo sapiens
US-10-017-754-1908

Query Match          99.1%; Score 753; DB 9; Length 156;
Best Local Similarity 99.3%; Pred. No. 3.2e-68;
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MESPADWLATPAARGVEEVRALEVALPNAFNSYGRPIOVMMGSAVAVELLHGA 60
DB 9 MESPADWLATPAARGVEEVRALEVALPNAFNSYGRPIOVMMGSAVAVELLHGA 68
QY 61 EPNCADPATLTRPVHDARGFDTLVVLRAGARLDVDANGRLPVDLAEEIGHRDVAR 120
DB 69 EPNCADPATLTRPVHDARGFDTLVVLRAGARLDVDANGRLPVDLAEEIGHRDVAR 128
QY 121 YLRAAGTGRGSHNARIDAEGSPDIPD 148
DB 129 YLRAAGTGRGSHNARIDAEGSPDIPD 156

RESULT 10
US-10-097-340-41
; Sequence 41, Application US/10097340
; Publication No. US20030087250A1
; GENERAL INFORMATION:
; APPLICANT: John MONAHAN
; APPLICANT: Manjula GANNANARAPU
; APPLICANT: Sebastian HOERSCH
; APPLICANT: Shubhangt KAWATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel E. MEYERS
; APPLICANT: Michael MORRISSEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VEIRY
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, Jr.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
; APPLICANT: Xumei ZHAO
; APPLICANT: Karen GIATT
; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
; TITLE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer
; FILE REFERENCE: MRI-030
; CURRENT APPLICATION NUMBER: US/10/097,340
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 41
; LENGTH: 156
; TYPE: PR
; ORGANISM: Homo sapiens
US-10-097-340-41

Query Match          99.1%; Score 753; DB 9; Length 156;
Best Local Similarity 99.3%; Pred. No. 3.2e-68;
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MESPADWLATPAARGVEEVRALEVALPNAFNSYGRPIOVMMGSAVAVELLHGA 60
DB 9 MESPADWLATPAARGVEEVRALEVALPNAFNSYGRPIOVMMGSAVAVELLHGA 68
QY 61 EPNCADPATLTRPVHDARGFDTLVVLRAGARLDVDANGRLPVDLAEEIGHRDVAR 120
DB 69 EPNCADPATLTRPVHDARGFDTLVVLRAGARLDVDANGRLPVDLAEEIGHRDVAR 128
QY 121 YLRAAGTGRGSHNARIDAEGSPDIPD 148
DB 129 YLRAAGTGRGSHNARIDAEGSPDIPD 156
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Db 69 EPNCADPATLTRPVHDAREGFLDTLVYLHRAGARLDVDAWGRLPVDLAEEELGHRDVAR 128
QY 121 YLRAAAGGTGSGNHARIDAEGSPDIP 148
129 YLRAAAGGTGSGNHARIDAEGSPDIP 156

RESULT 11
US-10-247-136-3
Sequence 3, Application US/10247136
Publication No. US20030105055A1
GENERAL INFORMATION:
APPLICANT: Demers, G. William
TITLE OF INVENTION: Methods and Compositions for the Treatment of Ocular Diseases
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/247,136
FILING DATE: 18-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/075,505
FILING DATE: 08-MAY-1998
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 016930-003600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 156 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..156
OTHER INFORMATION: /note= "p16"
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-247-136-3

Query Match 99.1%; Score 753; DB 9; Length 156;
Best Local Similarity 99.3%; Pred. No. 3.2e-68;
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MEPSADWLATAAARGVEEVRALLLEAVLPNAPNSYGRPIQVMMGSAVAELLILHGA 60
Db 9 MEPSADWLATAAARGVEEVRALLLEAGALPNAPNSYGRPIQVMMGSAVAELLILHGA 68
QY 61 EPNCADPATLTRPVHDAREGFLDTLVYLHRAGARLDVDAWGRLPVDLAEEELGHRDVAR 120
Db 69 EPNCADPATLTRPVHDAREGFLDTLVYLHRAGARLDVDAWGRLPVDLAEEELGHRDVAR 128
QY 121 YLRAAAGGTGSGNHARIDAEGSPDIP 148
Db 129 YLRAAAGGTGSGNHARIDAEGSPDIP 156

RESULT 12
US-08-902-572-26
Sequence 26, Application US/08902572
Patent No. US20020068706A1
GENERAL INFORMATION:
APPLICANT: Gyuris, Jenő
APPLICANT: Lamphere, Lou
APPLICANT: Beach, David H.
TITLE OF INVENTION: INHIBITORS OF CELL-CYCLE PROGRESSION AND
TITLE OF INVENTION: RELATED THERETO
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/902,572
FILING DATE: 29-JUL-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-069.03
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 237 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-902-572-26

Query Match 99.1%; Score 753; DB 8; Length 237;
Best Local Similarity 99.3%; Pred. No. 5.2e-68;
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MEPSADWLATAAARGVEEVRALLLEAVLPNAPNSYGRPIQVMMGSAVAELLILHGA 60
Db 90 MEPSADWLATAAARGVEEVRALLLEAGALPNAPNSYGRPIQVMMGSAVAELLILHGA 149
QY 61 EPNCADPATLTRPVHDAREGFLDTLVYLHRAGARLDVDAWGRLPVDLAEEELGHRDVAR 120
Db 150 EPNCADPATLTRPVHDAREGFLDTLVYLHRAGARLDVDAWGRLPVDLAEEELGHRDVAR 209
QY 121 YLRAAAGGTGSGNHARIDAEGSPDIP 148
Db 210 YLRAAAGGTGSGNHARIDAEGSPDIP 237

RESULT 13
US-08-902-572-28
Sequence 28, Application US/08902572
Patent No. US20020068706A1
GENERAL INFORMATION:
APPLICANT: Gyuris, Jenő
APPLICANT: Lamphere, Lou
APPLICANT: Beach, David H.
TITLE OF INVENTION: INHIBITORS OF CELL-CYCLE PROGRESSION AND
TITLE OF INVENTION: RELATED THERETO
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP

STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/902,572
FILING DATE: 29-JUL-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-069.03
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-902-572-28

Query Match 99.1%; Score 753; DB 8; Length 252;
Best Local Similarity 99.3%; Pred. No. 5.6e-68;
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MEPSADMLATAARGVEEVRALLEAVALLPNAFNSYGRPIQVMMGSAARVAELLHGA 60
DB 105 MEPSADMLATAARGVEEVRALLEAGALPNAPNSYGRPIQVMMGSAARVAELLHGA 164
QY 61 EPNCADEPTLTRPVHDAAREGFDTLVVLRAGARLDVDMGRPLVDAEELGHRDVAR 120
DB 165 EPNCADEPTLTRPVHDAAREGFDTLVVLRAGARLDVDMGRPLVDAEELGHRDVAR 224
QY 121 YLRAAGTGRGSHARIDAEGPSDIPD 148
DB 225 YLRAAGTGRGSHARIDAEGPSDIPD 252

RESULT 14

US-08-902-572-22
Sequence 22, Application US/08902572
Patent No. US20020068706A1
GENERAL INFORMATION:
APPLICANT: Gyuris, Jenb
APPLICANT: Lamphere, Lou
APPLICANT: Beach, David H.
TITLE OF INVENTION: INHIBITORS OF CELL-CYCLE PROGRESSION AND
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/902,572
FILING DATE: 29-JUL-1997

CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-069.03
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 334 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-902-572-22

Query Match 99.1%; Score 753; DB 8; Length 334;
Best Local Similarity 99.3%; Pred. No. 7.9e-68;
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MEPSADMLATAARGVEEVRALLEAVALLPNAFNSYGRPIQVMMGSAARVAELLHGA 60
DB 187 MEPSADMLATAARGVEEVRALLEAGALPNAPNSYGRPIQVMMGSAARVAELLHGA 246
QY 61 EPNCADEPTLTRPVHDAAREGFDTLVVLRAGARLDVDMGRPLVDAEELGHRDVAR 120
DB 247 EPNCADEPTLTRPVHDAAREGFDTLVVLRAGARLDVDMGRPLVDAEELGHRDVAR 306
QY 121 YLRAAGTGRGSHARIDAEGPSDIPD 148
DB 307 YLRAAGTGRGSHARIDAEGPSDIPD 334

RESULT 15

US-08-902-572-8
Sequence 8, Application US/08902572
Patent No. US20020068706A1
GENERAL INFORMATION:
APPLICANT: Gyuris, Jenb
APPLICANT: Lamphere, Lou
APPLICANT: Beach, David H.
TITLE OF INVENTION: INHIBITORS OF CELL-CYCLE PROGRESSION AND
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/902,572
FILING DATE: 29-JUL-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-069.03
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
TYPE: amino acid
TOPOLOGY: linear

MOLECULE TYPE: protein
US-08-902-572-8

Query Match 99.18; Score 753; DB 8; Length 365;
Best Local Similarity 99.34; Pred. No. 8.8e-68;
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1 MEPSADWLATAAARGVEEVRALLLEAVALPNAPNSYGRRIQVMMGSAKVAELLHGA 60
    |||||||
DB 19 MEPSADWLATAAARGVEEVRALLLEAGALPNAPNSYGRRIQVMMGSAKVAELLHGA 78
    |||||||
QY 61 EPNCADPATLTRPVHDAAREGFLDTLVLRAGARLDVRDANGRLPVDLAEEELGHRDYAR 120
    |||||||
DB 79 EPNCADPATLTRPVHDAAREGFLDTLVLRAGARLDVRDANGRLPVDLAEEELGHRDYAR 138
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QY 121 YLRAAGGTRGSNHRIDAAEGPSDIPD 148
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DB 139 YLRAAGGTRGSNHRIDAAEGPSDIPD 166
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Search completed: June 18, 2003, 10:13:54
Job time : 21 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 18, 2003, 10:01:20 ; Search time 14 Seconds
(Without alignments)
311.042 Million cell updates/sec

Title: US-09-016-869B-35

Perfect score: 760

Sequence: 1 MPPSADWLTAAAGRGVEV.....TRGSNHRIDAEGPSDIPD 148

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents, AA:*
1: /cgn2_6/ptodata/1/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/1/1aa/PCITUS.COMB.pep:*
6: /cgn2_6/ptodata/1/1aa/backfilest.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	760	100.0	148	1 US-08-154-915-4	Sequence 4, Appl
2	760	100.0	148	3 US-08-384-106A-16	Sequence 16, Appl
3	760	100.0	148	3 US-08-384-106A-24	Sequence 24, Appl
4	760	100.0	148	5 PCT-US93-09945-4	Sequence 4, Appl
5	760	100.0	156	2 US-08-627-610-2	Sequence 2, Appl
6	760	100.0	156	2 US-08-306-511A-2	Sequence 2, Appl
7	760	100.0	156	2 US-08-893-274-2	Sequence 2, Appl
8	760	100.0	156	3 US-08-581-918A-2	Sequence 2, Appl
9	760	100.0	156	4 US-08-346-147B-2	Sequence 2, Appl
10	760	100.0	156	4 US-08-822-936-2	Sequence 2, Appl
11	760	100.0	156	4 US-08-497-214D-2	Sequence 2, Appl
12	760	100.0	156	5 PCT-US95-04636-2	Sequence 2, Appl
13	760	100.0	391	1 US-08-589-981-2	Sequence 2, Appl
14	760	100.0	391	4 US-09-457-568-4	Sequence 4, Appl
15	760	100.0	391	4 US-09-457-568-4	Sequence 4, Appl
16	753	99.1	156	1 US-08-474-177-2	Sequence 2, Appl
17	753	99.1	156	1 US-08-487-033-2	Sequence 2, Appl
18	753	99.1	156	1 US-08-480-810-2	Sequence 2, Appl
19	753	99.1	156	2 US-08-508-735-2	Sequence 2, Appl
20	753	99.1	156	2 US-08-848-251-2	Sequence 2, Appl
21	753	99.1	156	2 US-08-486-047-2	Sequence 2, Appl
22	753	99.1	156	3 US-09-120-130-2	Sequence 2, Appl
23	753	99.1	156	3 US-09-115-252-2	Sequence 2, Appl
24	753	99.1	156	3 US-08-986-515-2	Sequence 2, Appl
25	753	99.1	156	4 US-09-120-128-2	Sequence 2, Appl
26	753	99.1	156	4 US-09-120-129-2	Sequence 2, Appl
27	753	99.1	156	4 US-09-201-139-2	Sequence 2, Appl

28	753	99.1	156	4 US-09-120-131-2	Sequence 2, Appl
29	753	99.1	156	4 US-08-910-722-2	Sequence 2, Appl
30	753	99.1	156	4 US-09-457-568-28	Sequence 28, Appl
31	753	99.1	156	4 US-09-457-568-28	Sequence 28, Appl
32	753	99.1	228	4 US-09-457-568-24	Sequence 24, Appl
33	753	99.1	228	4 US-09-457-568-24	Sequence 24, Appl
34	753	99.1	237	4 US-09-457-568-20	Sequence 20, Appl
35	753	99.1	237	4 US-09-457-568-20	Sequence 20, Appl
36	753	99.1	252	4 US-09-457-568-22	Sequence 22, Appl
37	753	99.1	252	4 US-09-457-568-22	Sequence 22, Appl
38	753	99.1	323	4 US-09-457-568-30	Sequence 30, Appl
39	753	99.1	334	4 US-09-457-568-16	Sequence 16, Appl
40	753	99.1	334	4 US-09-457-568-16	Sequence 16, Appl
41	753	99.1	365	4 US-09-457-568-6	Sequence 6, Appl
42	753	99.1	365	4 US-09-457-568-10	Sequence 10, Appl
43	753	99.1	365	4 US-09-457-568-6	Sequence 6, Appl
44	753	99.1	365	4 US-09-457-568-10	Sequence 10, Appl
45	753	99.1	380	4 US-09-457-568-8	Sequence 8, Appl

ALIGNMENTS

RESULT 1
US-08-154-915-4
Sequence 4, Application US/08154915
Patent No. 5618669
GENERAL INFORMATION:
APPLICANT: Beach, David
TITLE OF INVENTION: Cyclin Complex Rearrangement and Uses
TITLE OF INVENTION: Related Thereto
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII(text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/154,915
FILING DATE: 19-NOV-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/991,997
FILING DATE: 17-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/963,308
FILING DATE: 16-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/888,178
FILING DATE: 26-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/701,514
FILING DATE: 16-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIT-026
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 148 amino acids
TYPE: amino acid
TOPOLOGY: linear

MOLECULE TYPE: protein
US-08-154-915-4

Query Match	100.0%;	Score 760;	DB 1;	Length 148;
Best Local Similarity	100.0%;	Pred. No. 1.2e-83;		
Matches 148; Conservative	0;	Mismatches	0;	Indels 0;

Qy	MEBSAQMILTAARCGVEVEVRLLEVAALPENPNSYGRPIQVMMMSGARVAELLTLHGA	60
	1 MEBSADMLTAARARGVEVEFRALLLEVAALPENPNSYGRPIQVMMMSGARVAELLTLHGA	60
Db	61 EPCACAPALITLTPYHDAAREGLDPLVYLHRRGATLDYRDAMGRPLVDIAEEIGHRYAR	120
	61 EPCACAPALITLTPYHDAAREGLDPLVYLHRRGATLDYRDAMGRPLVDIAEEIGHRYAR	120
Qy	61 EPCACAPALITLTPYHDAAREGLDPLVYLHRRGATLDYRDAMGRPLVDIAEEIGHRYAR	120
	61 EPCACAPALITLTPYHDAAREGLDPLVYLHRRGATLDYRDAMGRPLVDIAEEIGHRYAR	120
Db	121 YURAAAGTGRGSHHARIDAEGSPDIPD	148
	121 YURAAAGTGRGSHHARIDAEGSPDIPD	148
Qy	121 YURAAAGTGRGSHHARIDAEGSPDIPD	148
	121 YURAAAGTGRGSHHARIDAEGSPDIPD	148

2
2
2

Sequence 16, Application US/08384106A
 Patient No. 6033847
 GENERAL INFORMATION:
 APPLICANT: Sherr Ph.D., Charles J.
 APPLICANT: Downing M.D., James
 APPLICANT: Hirai Ph.D., Hiroshi
 APPLICANT: Okuda, Tsukasa
 TITLE OF INVENTION: Ink4c-p18 and Ink4d-p19, inhibitors of
 TITLE OF INVENTION: Cyclin dependent Kinases CDK4 and CDK6, and Uses Thereof
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX
 STREET: 1100 New York Ave., N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/384,106A
 FILING DATE: 06-FEB-1994
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Fox, Samuel L.
 REGISTRATION NUMBER: 30,353
 REFERENCE/DOCKET NUMBER: 0656, 0500000
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-371-2600
 TELEFAX: 202-371-2540
 INFORMATION FOR SEQ ID NO: 16:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 148 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 OS-08-384-106A-16

Query Match	100.0%;	Score 760;	DB 3;	Length 148;
Best Local Similarity	100.0%;	Pred. No. 1.2e-83;		
Matches 148; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0

QY 1 MFSADWLATAARGVEEVRALLAEVALPNAPNSYGRRPQVMMGSAVAEILLHGA 60
|||||
DQ 1 MFSADWLATAARGVEEVRALLAEVALPNAPNSYGRRPQVMMGSAVAEILLHGA 60
|||||
DQ 1 MFSADWLATAARGVEEVRALLAEVALPNAPNSYGRRPQVMMGSAVAEILLHGA 60
|||||
QY 61 EPKCAPALUTRPVMDAREGFLDTLVVYVLRAGARLDYRKDWGRPLVDLAEELGHRVAR 120

D6 61 EPKCAPALTLPVIDDAREGFLDPLVYLHRAGRRLDYRDMAKGNLPSYDLAEELGHRVAR 120

QY 121 YLRAAAGSTRGSNNHARIDAEGPSDIPD 148

D6 121 YLRAAAGSTRGSNNHARIDAEGPSDIPD 148

RESULT 3

Sequence 24, Application US/08384106A
Patent No. 6033847
GENERAL INFORMATION:
APPLICANT: Sherr Ph.D., Charles J.
APPLICANT: Downing M.D., James
APPLICANT: Hirai Ph.D., Hiroshi
APPLICANT: Okuda, Tsukasa
TITLE OF INVENTION: In4c-p18 and In4d-p19, Inhibitors of
TITLE OF INVENTION: Cyclin Dependent Kinases CDK4 and CDK6, and Uses Thereof
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX
STREET: 1100 New York Ave., N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/384,106A
FILING DATE: 06-FEB-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Fox, Samuel L.
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 0656,0500000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO.: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 148 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-384-106A-24

Query Match	100.0%;	Score 760;	DB 3;	Length 148;
Best Local Similarity	100.0%;	Pred. No. 1.2e-83;		
Matches 148; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0;

QY	MESSAAMLTAAARGVEEVRALLEVALVPAPNPSYGRPLQVMMMSARVAEELLTHGA	60
Db	1 MESSADMLTAAARGVEEVRALLEVALVPAPNPSYGRPLQVMMMSARVAEELLTHGA	60
QY	EPHCADPALTTPPYDDAAREGFLDTLYLTHAGARLDYRDMAEGRLPDIALEELGHRVYAR	120
Db	61 EPHCADPALTTPPYDDAAREGFLDTLYLTHAGARLDYRDMAEGRLPDIALEELGHRVYAR	120
QY	EPHCADPALTTPPYDDAAREGFLDTLYLTHAGARLDYRDMAEGRLPDIALEELGHRVYAR	120
Db	61 EPHCADPALTTPPYDDAAREGFLDTLYLTHAGARLDYRDMAEGRLPDIALEELGHRVYAR	120
QY	YLRRAAGTGRGSHNARIDAAGSPDIP	148
Db	121 YLRRAAGTGRGSHNARIDAAGSPDIP	148
QY	YLRRAAGTGRGSHNARIDAAGSPDIP	148
Db	121 YLRRAAGTGRGSHNARIDAAGSPDIP	148

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RESULT 4
PCT-US93-09945-4
; Sequence 4, Application PC/TUS9309945
; GENERAL INFORMATION:

```

```

1  APPLICANT:
2  TITLE OF INVENTION: Cyclin Complex Rearrangement and Uses Related
3  TITLE OF INVENTION: Thereto
4  NUMBER OF SEQUENCES: 4
5  COMPUTER READABLE FORM:
6  MEDIUM TYPE: Floppy disk
7  COMPUTER: IBM PC compatible
8  OPERATING SYSTEM: PC-DOS/MS-DOS
9  SOFTWARE: ASCII(text)
10 CURRENT APPLICATION DATA:
11 APPLICATION NUMBER: PCT/US93/09945
12 FILING DATE:
13 PRIOR APPLICATION DATA:
14 APPLICATION NUMBER: US 07/963,308
15 FILING DATE: 16-OCT-1992
16 PRIOR APPLICATION DATA:
17 APPLICATION NUMBER: US 07/991,997
18 FILING DATE: 17-DEC-1992
19 INFORMATION FOR SEQ ID NO: 4:
20 SEQUENCE CHARACTERISTICS:
21 LENGTH: 148 amino acids
22 TYPE: amino acid
23 TOPOLOGY: linear
24 MOLECULE TYPE: protein
25 PCT-US93-09945-4

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	Query Match	100.0%	Score 760	DB 5	Length 148
	Best Local Similarity	100.0%	Pred. No. 1.2e-83		
	Matches 148	Conservative 0	Mismatches 0	Indels 0	Gaps 0
QY	1	MEPSADMLTAAARGVEEVRALLLEAVL	PNPNSYGRPIQVMMGSARVAELLHGA	60	
Db	1	MEPSADMLTAAARGVEEVRALLLEAVL	PNPNSYGRPIQVMMGSARVAELLHGA	60	
QY	61	EPKPCDPATLTRPVHDAREGFLDTLVV	LHRGARDVDRAMGRLPYDLAEELGHRDVAR	120	
Db	61	EPKPCDPATLTRPVHDAREGFLDTLVV	LHRGARDVDRAMGRLPYDLAEELGHRDVAR	120	
QY	121	YLRAAAGSTRGSNHARIDAEGSPSIDP	148		
Db	121	YLRAAAGSTRGSNHARIDAEGSPSIDP	148		

RESULT 5
 US-08-627-610-2
 Sequence 2, Application US/08627610
 Patent No. 5919997
 GENERAL INFORMATION:
 APPLICANT: Beach, David H.
 APPLICANT: Seriano, Manuel A.
 APPLICANT: DePinho, Ronald A.
 TITLE OF INVENTION: Transgenic Animals Having Modified Cell-Cycle
 TITLE OF INVENTION: Regulation
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHIVE & COCKFIELD
 STREET: 60 State Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: ASCII(text)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/627,610
 FILING DATE: 04-APR-1996
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Vincent, Matthew P.
 REGISTRATION NUMBER: 36,709

```

? REFERENCE/DOCKET NUMBER: CSI-001PC6
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (617) 227-7400
? TELEFAX: (617) 227-5941
? INFORMATION FOR SEQ. ID NO: 2:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 156 amino acids
? TYPE: amino acid
? TOPOLOGY: linear
? MOLECULE TYPE: protein
? US-08-627-610-2

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Query Match	100.0%	Score 760;	DB 2;	Length 156;
Best Local Similarity	100.0%	Pred. No. 1.3e-83;		
Matches 148;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0
QY	1	MEPSADMLTAAARGHVEEVRALLTEAVALLPAAPNPSYGRPRPQVMMMSARVAEELLHLGA	60	
Db	9	MEPSADMLTAAARGHVEEVRALLTEAVALLPAAPNPSYGRPRPQVMMMSARVAEELLHLGA	68	
QY	61	EPNCADPATLTPRVHDAAREGFLDTLLVYLHARGARLDVDAWGRFLPYDLAEELGHRDVAR	120	
Db	69	EPNCADPATLTPRVHDAAREGFLDTLLVYLHARGARLDVDAWGRFLPYDLAEELGHRDVAR	128	
QY	121	YLRAAAGGTGRGSHHARLIDAAEGSPSIPD	148	
Db	129	YLRAAAGGTGRGSHHARLIDAAEGSPSIPD	156	

US-08-306-511A-2
Sequence 2, Application US/08306511A
Patent No. 5962316
GENERAL INFORMATION:
APPLICANT: Beach, David H.
APPLICANT: Demetrick, Douglas J.
APPLICANT: Serrano, Samuel
APPLICANT: Hannon, Gregory J.
TITLE OF INVENTION: Cell-Cycle Regulatory Proteins, and Uses Thereof
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII(text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/306,511A
FILING DATE: 14-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: CSI-001CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 156 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-306-511A-2

TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 832-1299
TELEFAX: (617) 832-7000
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 156 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-581-918A-2

Query Match
Best Local Similarity 100.0%; Score 760; DB 3; Length 156;
Pred. No. 1.3e-83;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEPSADWLATAAARGVEEVRALLLEAVALPNAENSYGRPIQVMMSGARVAELLHGA 60
DB 9 MEPSADWLATAAARGVEEVRALLLEAVALPNAENSYGRPIQVMMSGARVAELLHGA 68
QY 61 EPNCADPATLTRPVDAAREGFLDTLVVLRAGARLDVDAWGRLPYDLAEELGHRDVAR 120
DB 69 EPNCADPATLTRPVDAAREGFLDTLVVLRAGARLDVDAWGRLPYDLAEELGHRDVAR 128
QY 121 YLRAAGTGRGSHNRIDAAEGSPDIPD 148
DB 129 YLRAAGTGRGSHNRIDAAEGSPDIPD 156

RESULT 9
US-08-346-147B-2
Sequence 2, Application US/08346147B
Patent No. 6211334
GENERAL INFORMATION:
APPLICANT: Beach, David H.
APPLICANT: Demetrick, Douglas J.
APPLICANT: Serrano, Manuel
APPLICANT: Hanon, Gregory J.
TITLE OF INVENTION: Cell-Cycle Regulatory Proteins, and Uses
TITLE OF INVENTION: Related Thereto
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Foley, Hoag & Eliot
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPad
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,147B
FILING DATE: 29-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/306,511
FILING DATE: 14-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/248,812
FILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,371
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/154,915
FILING DATE: 18-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/991,997
FILING DATE: 17-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.

REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-071.04
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 832-1299
TELEFAX: (617) 832-7000
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 156 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-346-147B-2

Query Match
Best Local Similarity 100.0%; Score 760; DB 4; Length 156;
Pred. No. 1.3e-83;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEPSADWLATAAARGVEEVRALLLEAVALPNAENSYGRPIQVMMSGARVAELLHGA 60
DB 9 MEPSADWLATAAARGVEEVRALLLEAVALPNAENSYGRPIQVMMSGARVAELLHGA 68
QY 61 EPNCADPATLTRPVDAAREGFLDTLVVLRAGARLDVDAWGRLPYDLAEELGHRDVAR 120
DB 69 EPNCADPATLTRPVDAAREGFLDTLVVLRAGARLDVDAWGRLPYDLAEELGHRDVAR 128
QY 121 YLRAAGTGRGSHNRIDAAEGSPDIPD 148
DB 129 YLRAAGTGRGSHNRIDAAEGSPDIPD 156

RESULT 10
US-08-822-936-2
Sequence 2, Application US/08822936
Patent No. 6242575
GENERAL INFORMATION:
APPLICANT: Massague, Joan
APPLICANT: Roberts, James M.
APPLICANT: Koff, Andrew
APPLICANT: Polyak, Kornelia
TITLE OF INVENTION: Isolated p27 protein, Nucleic Acid
TITLE OF INVENTION: Molecules Encoding Same, Methods of Identifying Agents Acti
TITLE OF INVENTION: and Uses of Said Agents
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Foley, Hoag & Eliot, LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,936
FILING DATE: 21-FEBRUARY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIV-079.05
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 832-1000
TELEFAX: (617) 832-7000
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 156 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-822-936-2

	Type: amino acid	
	Topology: linear	
	Molecule type: protein	
	US-08-497-214D-2	
Query Match	100.0%; Score 760; DB 4; Length 156;	
Best Local Similarity	100.0%; Pred. No. 1.3e-83;	
Matches: 148; Conservative	0; Mismatches 0; Indels 0; Gaps 0	
QY	1 MEPSADWLTAARRGVEEVRALLEVALPNAFNSYGRRLPYQVMWGSARVAELLLHGA	60
DB	9 MEPSADWLTAARRGVEEVRALLEVALPNAFNSYGRRLPYQVMWGSARVAELLLHGA	68
DY	61 EPCACAPALTLPVVDAAAREGFLDTLVYLHRAGARLDVRYDAWGRLPYDLAEELGHHDVAR	120
DB	69 EPCACAPALTLPVVDAAAREGFLDTLVYLHRAGARLDVRYDAWGRLPYDLAEELGHHDVAR	128
QY	121 YLRAAAGTGRGSHNARIIDAEGSPSDIP	148
DB	129 YLRAAAGTGRGSHNARIIDAEGSPSDIP	156
 RESULT 12 PCT-US95-04636-2 Sequence 2, Application PC/TUS9504636 GENERAL INFORMATION: APPLICANT: TITLE OF INVENTION: Cell-Cycle Regulatory Proteins, and Uses TITLE OF INVENTION: Related thereto NUMBER OF SEQUENCES: 10 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII(text) CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/US95/04636 FILING DATE: CLASSIFICATION: PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/346,147 FILING DATE: 29-NOV-1994 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/306,511 FILING DATE: 14-SEP-1994 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/248,812 FILING DATE: 25-MAY-1994 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/227,371 FILING DATE: 14-APR-1994 INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS: LENGTH: 156 amino acids TYPE: amino acid TOPOLOGY: linear MOLECULE TYPE: protein PCT-US95-04636-2		
Query Match	100.0%; Score 760; DB 5; Length 156;	
Best Local Similarity	100.0%; Pred. No. 1.3e-83;	
Matches: 148; Conservative	0; Mismatches 0; Indels 0; Gaps 0	
QY	1 MEPSADWLTAARRGVEEVRALLEVALPNAFNSYGRRLPYQVMWGSARVAELLLHGA	60
DB	9 MEPSADWLTAARRGVEEVRALLEVALPNAFNSYGRRLPYQVMWGSARVAELLLHGA	68
DY	61 EPCACAPALTLPVVDAAAREGFLDTLVYLHRAGARLDVRYDAWGRLPYDLAEELGHHDVAR	120
DB	69 EPCACAPALTLPVVDAAAREGFLDTLVYLHRAGARLDVRYDAWGRLPYDLAEELGHHDVAR	128
QY	121 YLRAAAGTGRGSHNARIIDAEGSPSDIP	148
DB	129 YLRAAAGTGRGSHNARIIDAEGSPSDIP	156

Db 129 YLRAAGGTRGSHARIDAAEGPSDIPD 156

RESULT 13
US-08-589-981-2
Sequence 2, Application US/08589981
Patent No. 5672508
GENERAL INFORMATION:
APPLICANT: Gyuris, Jen0
APPLICANT: Lamphere, Lou
APPLICANT: Beach, David H.
TITLE OF INVENTION: Inhibitors of Cell-Cycle Progression,
TITLE OF INVENTION: and Uses Related Thereto
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII (text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/589,981
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MIT-069
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 391 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-589-981-2

Query Match 100.0%; Score 760; DB 1; Length 391;
Best Local Similarity 100.0%; Pred. No. 4.6e-83;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Q1 1 MEPSADWLATAAARGVEEVALLLEAVALLPNAIPNSYGRPIQVMMGSAVVAELLHLGA 60
|||||
244 MEPSADWLATAAARGVEEVALLLEAVALLPNAIPNSYGRPIQVMMGSAVVAELLHLGA 303
Db

QY 61 EPNCADPATLTRPVHDAAREGFLDTLVVLRAGARLDVDRAMGRLPYDLAEELGHRDVAR 120
|||||
304 EPNCADPATLTRPVHDAAREGFLDTLVVLRAGARLDVDRAMGRLPYDLAEELGHRDVAR 363
Db

QY 121 YLRAAGGTRGSHARIDAAEGPSDIPD 148
|||||
364 YLRAAGGTRGSHARIDAAEGPSDIPD 391
Db

RESULT 14
US-09-457-568-4
Sequence 4, Application US/09457568
Patent No. 6413943
GENERAL INFORMATION:
APPLICANT: McArthur, James G
APPLICANT: Gyuris, Jen0
APPLICANT: Finer, Mitchell H
TITLE OF INVENTION: Methods and Reagents for Inhibiting Proliferation of
TITLE OF INVENTION: Smooth Muscle Cells
FILE REFERENCE: 106482.691

;; CURRENT APPLICATION NUMBER: US/09/457,568
;; CURRENT FILING DATE: 1999-12-09
;; EARLIER APPLICATION NUMBER: 60/122,974
;; EARLIER FILING DATE: 1999-03-01
;; EARLIER APPLICATION NUMBER: 60/163,682
;; EARLIER FILING DATE: 1999-11-05
;; NUMBER OF SEQ ID NOS: 28
;; SOFTWARE: Patentln Ver. 2.0
;; SEQ ID NO 4
;; LENGTH: 391
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-457-568-4

Query Match 100.0%; Score 760; DB 4; Length 391;
Best Local Similarity 100.0%; Pred. No. 4.6e-83;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEPSADWLATAAARGVEEVALLLEAVALLPNAIPNSYGRPIQVMMGSAVVAELLHLGA 60
|||||
244 MEPSADWLATAAARGVEEVALLLEAVALLPNAIPNSYGRPIQVMMGSAVVAELLHLGA 303
Db

QY 61 EPNCADPATLTRPVHDAAREGFLDTLVVLRAGARLDVDRAMGRLPYDLAEELGHRDVAR 120
|||||
304 EPNCADPATLTRPVHDAAREGFLDTLVVLRAGARLDVDRAMGRLPYDLAEELGHRDVAR 363
Db

QY 121 YLRAAGGTRGSHARIDAAEGPSDIPD 148
|||||
364 YLRAAGGTRGSHARIDAAEGPSDIPD 391
Db

RESULT 15
US-09-457-646-4
Sequence 4, Application US/09457646
Patent No. 6420345
GENERAL INFORMATION:
APPLICANT: Patel, Sall D
APPLICANT: McArthur, James G
APPLICANT: Gyuris, Jen0
TITLE OF INVENTION: Methods and Reagents for Inhibiting Proliferation of
TITLE OF INVENTION: Smooth Muscle Cells
FILE REFERENCE: 106482.287
CURRENT APPLICATION NUMBER: US/09/457,646
CURRENT FILING DATE: 1999-12-09
EARLIER APPLICATION NUMBER: 60/122,974
EARLIER FILING DATE: 1999-03-01
EARLIER APPLICATION NUMBER: 60/163,682
EARLIER FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 4
LENGTH: 391
TYPE: PRT
ORGANISM: Homo sapiens
US-09-457-646-4

Wed Jun 18 09:54:48 2003

Search completed: June 18, 2003, 10:10:04
Job time : 15 secs

us-09-016-869b-35.ra1

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